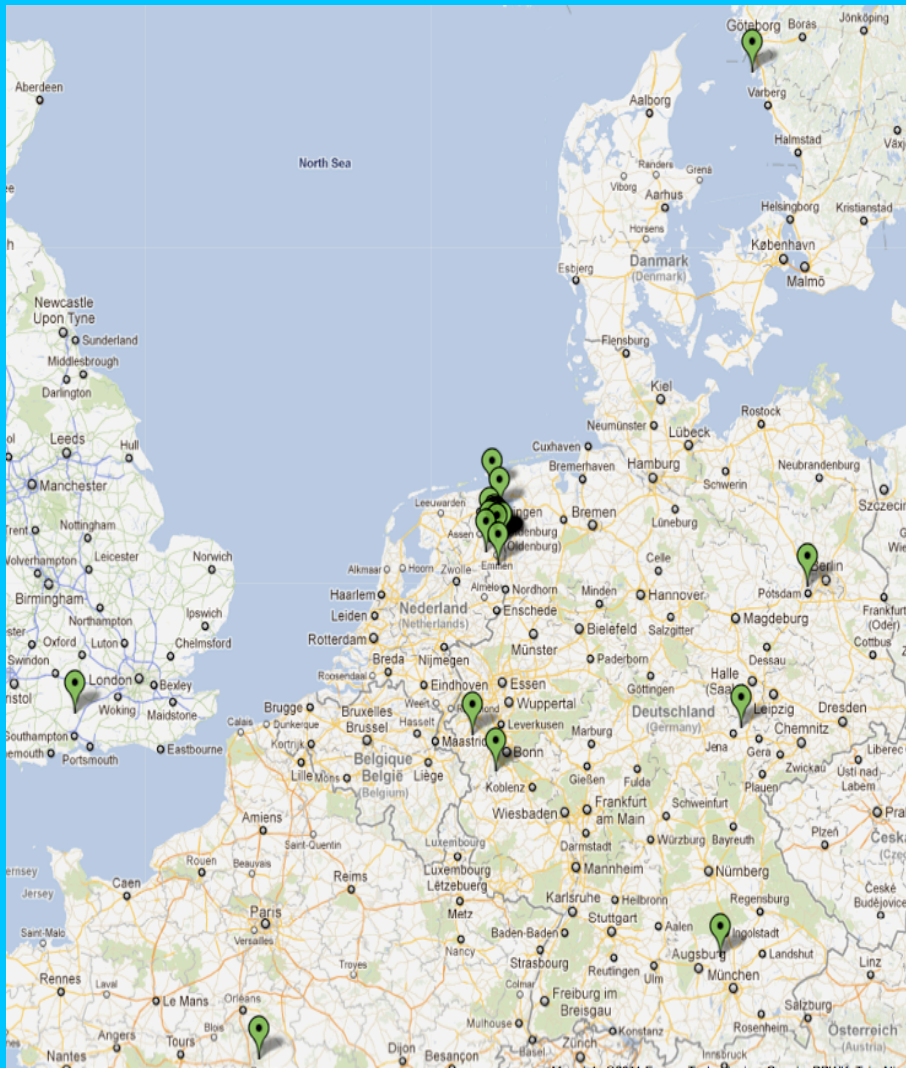


Please mute your microphones/webcams

Programme:

1. Array status and Observatory Update – M.C. Toribio
2. COBALT status update– R. Nijboer
3. LTA update– A. Renting
4. The nature of the low frequency emission of M51: First observations of a nearby galaxy with LOFAR– D. Mulcahy
5. Identifying Real Fast Radio Transients with the TBBs – E. Enriquez

Array Status



- 38 operational NL stations
 - 24 CSs
 - 14 RSs
- 8 Iss
- DE604: broken TDS board: will be replaced early April
- March 10: RSP boards overheating on CS002, CS006. Caused by AARTFAAC equipment blocking airflow; repositioned March 13, temp's OK
- March 18: CS017 broken power supply unit, replaced

Network, CEP Status

▪Network

- No issues

▪BG/P

- Performance is nominal

▪Cobalt

- See Cobalt presentation

▪CEP-I

- LCE012 broken

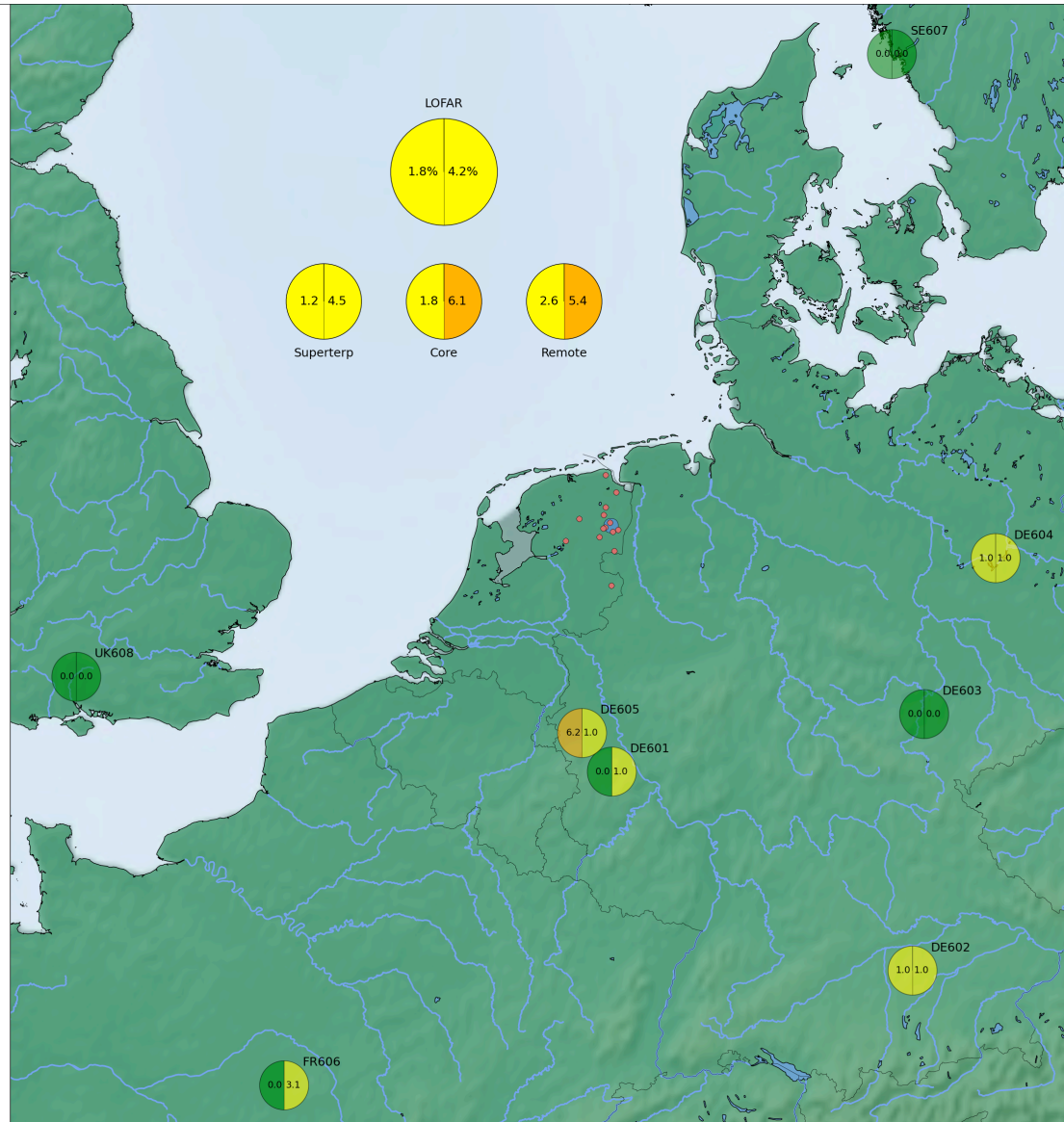
▪CEP-III

- Issues with network hardware: Dell to replace network hw?
- Experimental batch processing system installed
- Operational: expected first week of April 2014

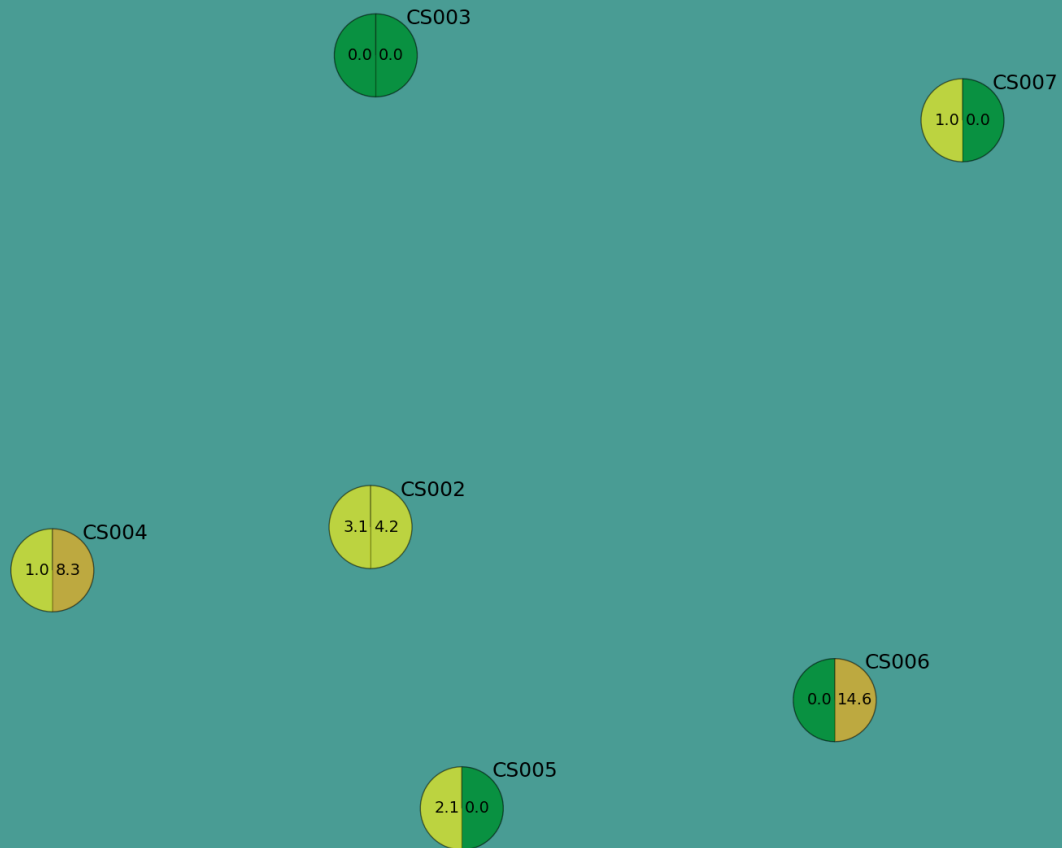
▪Next stop day

- April 1, 2014

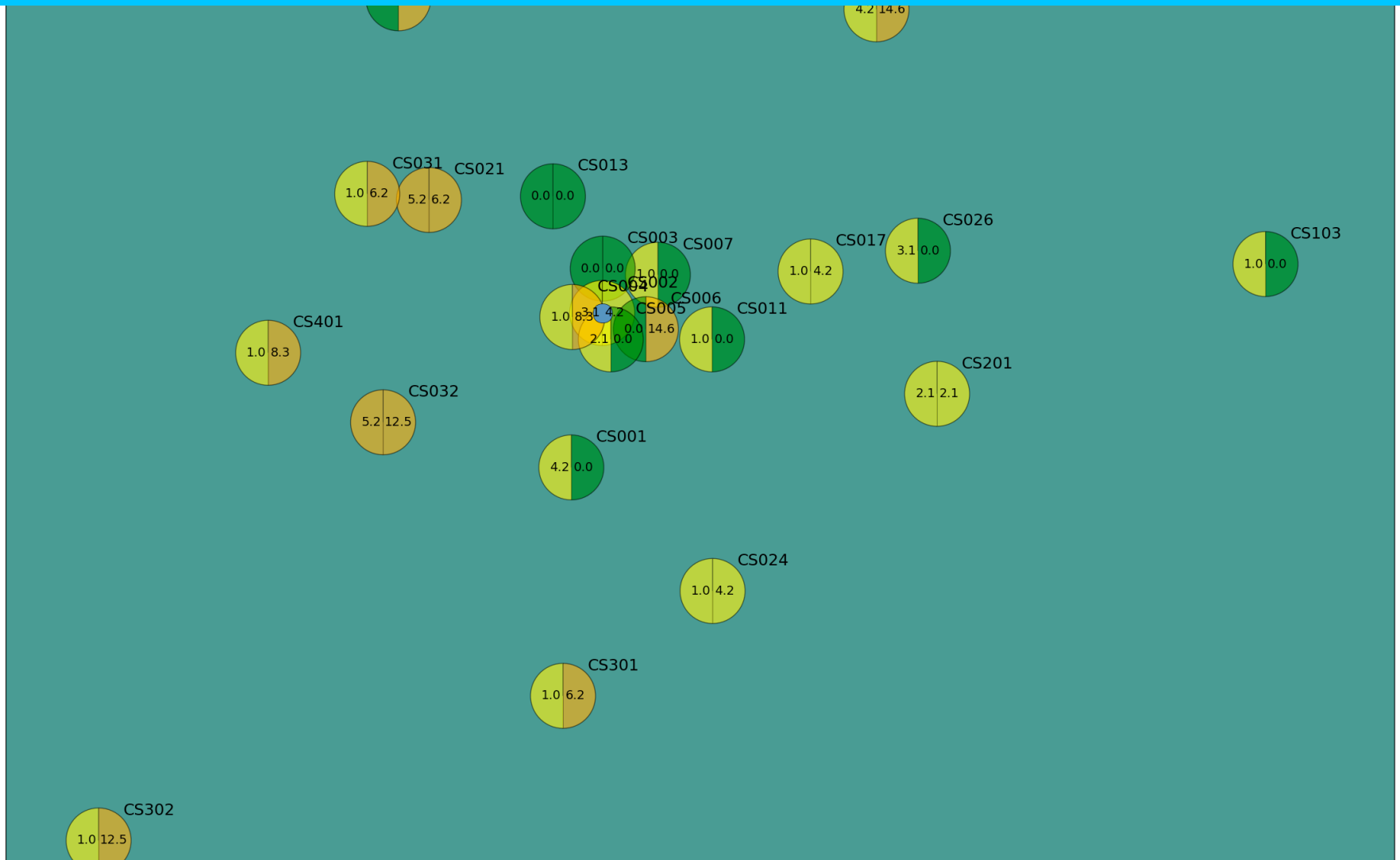
Overview, including IS (LBA: 1.8%, HBA 4.2%)



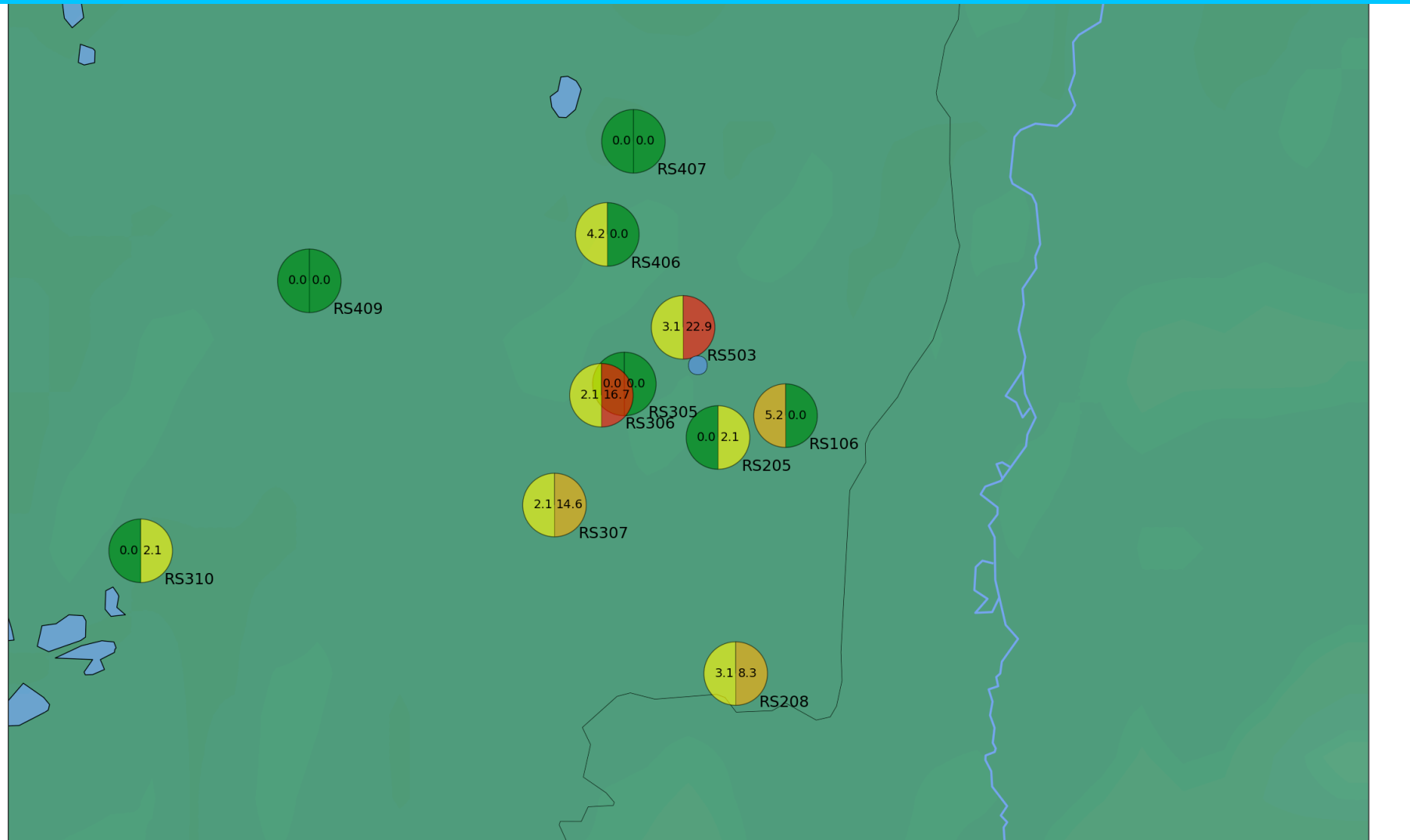
Superterp (LBA: 1.2 %, HBA: 4.5%)



Core Stations (LBA: 1.8%, HBA: 6.1%)



Remote Stations (LBA: 2.6%, HBA: 5.4%)



- **CEP2:**
 - ✓ In some cases pipeline execution took longer than expected.
 - ✓ manual intervention was needed for pipelines requiring a source model.
- **COBALT:**
 - ✓ Not used regularly for production observations yet (see R. Nijboer's talk)
- **LTA:**
 - ✓ Problems experienced in the last two weeks (see Adriaan Renting's talk)

- **CEP1:**

phased-out at the end of March 2014

***back-up your data elsewhere
and/or get
in touch with Science Support to
request data transfer to CEP3.***

News regarding LOFAR Cycle 1 observations

19/03/14, 6:00 to 7:00 LT: maintenance fiber at DE604

Week 12		day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Approximate LST			12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9	10	11
March	17	Mon	LC1_008 - Lockman Hole - 8hrs			Stress system runs + TBB runs						LES_003 - Sun - 6hrs + COBALT TESTING; all international stations (except DE604) switched to ILT mode at 9 UTC						COBALT TESTING								
	18	Tue	COBA TESTI	Station Test				COBALT TESTING						Station Test		LC1_003 - Pulsars				LC1_035 - Monthly LST 08-09	LC1_003 - Pulsars					
	19	Wed	LC1_003 - Pulsars					LC1_023 - LSTs 16,18	Stress system runs		COBALT TESTING		LC1_023 - LSTs 22	COBALT TESTING			LC1_023 - LSTs 02,07									
	20	Thu																Stress system runs	LC1_024 - NGC4258 - 9hrs repeat							
	21	Fri	LC1_024 - NGC4258 - 9hrs				LC1_035 - Monthly LST 16-19			STATIONTEST		LES_003 - Sun - 6hrs + COBALT TESTING; all international stations (except DE604) switched to local mode at 9 UTC					Stress system runs		LC1_020 - Crab - 0.5hrs	Stress system runs + TBB runs						
	22	Sat						LC1_003 - Pulsars				Stress system runs		LC0_035 - M31 - 4hrs			Stress system runs + TBB runs				LC1_008 - Lockman Hole - 8hrs					
	23	Sun	LC1_008 - Lockman Hole - 8hrs			Stress system runs + TBB runs			LC1_052 - LOTAAS - 10hrs										LC1_039 (EoR) - 3C196							

- Detailed Cycle 1 schedule available here:
<https://docs.google.com/spreadsheet/ccc?key=0AtnmDczhIbEtdGQ4enZicHpGREpGYm1Pc2JrQWIZWmc&usp=sharing>
- Contact Science Support in case of questions/issues
- **Always cc 'sciencesupport@astron.nl' and include the proposal code in the subject line****

- **Proposals submitted:**
 - ✓ 42 regular proposals
 - ✓ 3 long term proposals
 - ✓ 2 envelope sheets
- **Cycle 2 technical panel meeting currently ongoing.**
- **PC meeting on April 29-30:**
 - ✓ PI's will be contacted after the PC meeting.
- **Start of Cycle 2:**
 - ✓ May 15th 2014

Upcoming activities:

31-4	Mar/Apr	MKSP meeting (Bonn)
1	Apr	Stop day (Tue)
8-11	Apr	Third LOFAR Science collaboration workshop + MSSS workshop